DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
SPECIFICATION

ASDE-2 DISPLAY ENHANCEMENT UNIT

This specification change forms a part of FAA-E-2634, dated December 31, 1975.

Page 10, paragraph 3.15, delete this paragraph and replace with the following:

3.15 Map Video Line Width and Location - The map video generated for boundary lines between critical and noncritical areas shall be divided into three cases, depending upon the range from the origin and the angle of intersection with a radial line originating at the origin of the display.

Case 1 - All map lines from 0 to 14,650 feet in range.

Case 2 - Lines located beyond 14,650 feet which intersect a radial line in an acute angle greater than 25 degrees.

Case 3 - Lines located beyond 14,650 feet which intersect a radial line in an acute angle equal to, or less than, 25 degrees.

All Case 1 and 2 lines shall have a line width of 20 feet $\pm$ 2.5 feet. Case 3 lines shall have a line width from a minimum of 17.5 feet, to a maximum of the arc length generated by an angle of one ACP spacing at the range at which the line is located.

Line width is defined as the perpendicular distance from one side of the line to the other, irrespective of the lines orientation.

The edge of all Case 1 and 2 map video lines nearest to the critical area shall be located in the noncritical area, but no more than 22.5 feet from the critical area.

The edge of all Case 3 map video lines nearest to the critical area shall be in the noncritical area, but no more than a distance equal to the arc length generated by an angle of one ACP spacing at the range at which the line is located from the critical area.

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